

IN THE CLAIMS:

Please amend the claims as follows without prejudice:

1. – 28. (Cancelled)

29. (Currently Amended) A method for pumping a wellbore fluid, comprising:
placing a sub-sea pump system adjacent a sub-sea wellbore, the pump system
including:

a pair of substantially counter synchronous fluid pumps;

at least one fluid line for communicating a wellbore fluid between an
annulus of the sub-sea wellbore and the fluid pumps; and

at least one power fluid line;

filling the fluid pumps with the wellbore fluid to urge a plunger in each fluid pump
to an extended position;

pumping a power fluid to the fluid pumps through the at least one fluid line, the
power fluid ~~[[urge]]~~ urging the plunger to a retracted position;

removing gas from the fluid pumps through the plurality of gas lines to prevent
gas lock during a pumping cycle; and

pumping the wellbore fluid into a discharge line.

30. (Original) The method of claim 29, further including separating a gas portion
in the wellbore fluid from a liquid portion and allowing the gas portion to migrate to an
upper portion of the fluid pumps.

31. (Original) The method of claim 30, further including pressurizing the gas in
the fluid pumps.

32. (Original) The method of claim 31, further including communicating the gas
through the plurality of gas lines to the discharge line.

33. (Original) The method of claim 29, further including directing the power fluid into the fluid pumps by a plurality of upper valves.
34. (Original) The method of claim 29, wherein the pair of substantially counter synchronous fluid pumps are a pair of plungers, each plunger movable between an extended position and a retracted position.
35. (Original) The method of claim 34, further including scraping and polishing each plunger as it moves between the extended position and the retracted position.
36. (Original) The method of claim 29, further including controlling the back pressure in a sub-sea wellbore due to the movement of the pair of substantially counter synchronous fluid pumps.
37. (Original) A fluid separator system, comprising:
at least one plunger assembly, each plunger assembly includes a plunger movable between an extended position and a retracted position;
at least one fluid line for removing a fluid portion from the at least one plunger assembly; and
at least one gas line for removing a gas from the at least one plunger assembly.
38. (Original) The system of claim 37, wherein each plunger assembly includes a lower plunger chamber with an enlarged chamber formed at a lower end thereof.
39. (Original) The system of claim 38, wherein a liquid level is maintained in the enlarged chamber to ensure that a substantial portion of the gas is removed from the at least one plunger assembly.
40. (Original) The system of claim 38, wherein the enlarged chamber is constructed and arranged in a substantially circular shape and includes a wellbore inlet.

41. (Original) The system of claim 40, wherein the wellbore inlet is constructed and arranged to allow wellbore fluid to enter the enlarged chamber tangentially to promote the separation of the gas portion from the fluid portion of the wellbore fluid.
42. (Original) The system of claim 41, further including a plurality of ports formed in the lower plunger chamber and the plurality of ports are in fluid communication with the at least one gas line.
43. (Original) The system of claim 37, further including a control in fluid communication with the at least one fluid line to control the timing and amount of the fluid portion exiting from the at least one plunger assembly.
44. (Original) The system of claim 43, wherein the control includes a feed back loop that controls the flow of the fluid portion based upon the pressure differential of the fluid portion.
45. (Original) The system of claim 37, further including a deflector plate operatively mounted on a sloped portion of a lower plunger chamber.
46. (Original) The system of claim 45, whereby the deflector plate is constructed and arranged to promote the separation of the gas portion from the fluid portion of a wellbore fluid.
47. (Original) A method of separating wellbore fluid, comprising:
communicating wellbore fluid to a multiphase pump system, the pump system including:
a pair of substantially counter synchronous fluid pumps;
at least one fluid line; and
at least one gas line; separating a gas portion and a fluid portion from the wellbore fluid; and

delivering the gas portion to the at least one gas line and the fluid portion to the at least one fluid line.

48. (Original) The method of claim 47, further including removing the gas portion from the fluid portion by allowing the gas portion to migrate to an upper portion of the fluid pumps.
49. (Original) The method of claim 47, further including spinning the wellbore fluid to promote the separation of the gas portion from the fluid portion of the wellbore fluid.
50. (Original) The method of claim 47, wherein the pair of substantially counter synchronous fluid pumps are a pair of plungers, each plunger movable between an extended position and a retracted position.
51. (Original) The method of claim 50, further including scraping and polishing each plunger as it moves between the extended position and the retracted position.
52. (Original) The method of claim 47, further including controlling the timing and amount of the fluid portion exiting from the pair of substantially counter synchronous fluid pumps.